

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1-26. (canceled)

27. (currently amended)      A testing system, comprising:

a multiplexer;

a plurality of oscillators coupled to the multiplexer;

a plurality of dividers coupled to the multiplexer;

wherein the testing system selects among the oscillators by configuring a selector on the multiplexer;

a PLL coupled to at least one of the plurality of dividers and synthesizing an oscillation frequency of the selected oscillator; and

a DUT that receives the synthesized frequency from the PLL and also receives a divided frequency from at least one of the plurality of dividers;

~~The testing system of claim 26, wherein the synthesized frequency received by the DUT  $f_1$  and the oscillation frequency of the selected oscillator  $f_2$  are synchronized according to the equation  $n \cdot f_1 = m \cdot f_2$ , where  $n$  and  $m$  are integer numbers.~~

28. (original)      The testing system of claim 27, wherein the oscillation frequency of the selected oscillator is used as a timing reference for the testing system.

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29. (currently amended) The testing system of claim ~~[[24]]~~ 27, wherein the oscillator is a crystal oscillator.

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